

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer readable medium ~~storing~~^{having} a data structure for managing reproduction of graphic data by a reproducing apparatus, comprising:

a data area storing one or more graphic segments, each of which includes graphic data, ~~multiplexed~~^{multiplied} with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID), ~~[[and]]~~

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in ~~the~~^{[[a]]} graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

2. (Canceled)

3. (Previously Presented) The computer readable medium of claim 1, wherein the other data includes at least one of movie data, audio data and still picture data.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A method of reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

reproducing one or more graphic segments from the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID), [[and]]

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the[[a]] graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

9. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

an optical reproducing device configured to reproduce data recorded on the recording medium;

a controller configured to control the optical reproducing device to reproduce one or more graphic segments from the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID), [[and]]

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the[[a]] graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

10. (Currently Amended) A method of recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

recording one or more graphic segments on the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID), [[and]]

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the[[a]] graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

11. (Currently Amended) An apparatus for recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

an optical recording device configured to record data on the recording medium;

an encoder for encoding at least multiple reproduction path video data; and

a controller configured to control the optical recording device to record one or more graphic segments on the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID), [[and]]

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the[[a]] graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

12. (Canceled)

13. (Previously Presented) The method of claim 8, wherein the other data includes at least one of movie data, audio data and still picture data.

14. (Canceled)

15. (Canceled)

16. (Currently Amended) The apparatus of claim 9, wherein the controller is configured to control the optical reproducing device to reproduce the other data, the other data including~~includes~~ at least one of movie data, audio data and still picture data.

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The method of claim 10, wherein the other data includes at least one of movie data, audio data and still picture data.

20. (Canceled)

21. (Canceled)

22. (Currently Amended) The apparatus of claim 11, wherein the controller is configured to control the optical recording device to record the other data, the other data including~~includes~~ at least one of movie data, audio data and still picture data.

23. (Canceled)

24. (New) The computer readable medium of claim 1, wherein the graphic information includes information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

25. (New) The method of claim 8, wherein the graphic information includes information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

26. (New) The apparatus of claim 9, wherein the controller is configured to control the optical reproducing device to reproduce the graphic information including information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images

27. (New) The method of claim 10, wherein the graphic information includes information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

28. (New) The apparatus of claim 11, wherein the controller is configured to control the optical recording device to record the graphic information including information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

END OF CLAIMS LISTING

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